

Tomasz Osiecki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mechanical and Thermal Properties of Polylactide (PLA) Composites Modified with Mg, Fe, and Polyethylene (PE) Additives. <i>Polymers</i> , 2020, 12, 2939.	4.5	40
2	Experimental Test and FEA of a Sheet Metal Forming Process of Composite Material and Steel Foil in Sandwich Design Using LS-DYNA. <i>Key Engineering Materials</i> , 0, 651-653, 439-445.	0.4	26
3	Continuous Film Stacking and Thermoforming Process for Hybrid CFRP/aluminum Laminates. <i>Procedia CIRP</i> , 2017, 66, 107-112.	1.9	25
4	Fracture toughness characterisation of a glass fibre reinforced plastic composite. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 3-13.	3.4	21
5	Processing and characterization of cathodic dip coated metal/composite-laminates. <i>Archives of Civil and Mechanical Engineering</i> , 2016, 16, 467-472.	3.8	17
6	High-Performance Fiber Reinforced Polymer/Metal-Hybrids for Structural Lightweight Design. <i>Key Engineering Materials</i> , 0, 744, 311-316.	0.4	9
7	Cracking of thick-walled fiber composites during bending tests. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 101, 46-52.	4.7	6
8	Inverse Hybrid Laminate for Lightweight Applications. <i>Key Engineering Materials</i> , 0, 847, 40-45.	0.4	4
9	Enhancing Efficiency of Industrial Centrifugal Fans Using Blade Adjustment Mechanism. <i>Energies</i> , 2022, 15, 893.	3.1	4
10	Validation of the FEA of a Sheet Metal Forming Process of Composite Material and Steel Foil in Sandwich Design. <i>Applied Mechanics and Materials</i> , 2015, 794, 75-80.	0.2	3
11	Composite Sandwich with Aluminum Foam Core and Adhesive Bonded Carbon Fiber Reinforced Thermoplastic Cover Layer. <i>Key Engineering Materials</i> , 2017, 744, 277-281.	0.4	3
12	Forming induced interface structures for manufacturing hybrid metal composites. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 253-256.	3.6	2
13	Influence of cathodic dip painting on the mechanical strength of material-adapted composite/metal joints. <i>Polimery</i> , 2018, 63, 750-754.	0.7	2
14	Change in elastic modulus during fatigue bending and torsion of a polymer reinforced with continuous glass fibers. <i>Engineering Failure Analysis</i> , 2022, 138, 106341.	4.0	2
15	Combined Injection Molding Technology for Dynamically Stressed Multi-Material Coupling Elements. <i>Key Engineering Materials</i> , 2017, 744, 322-326.	0.4	1
16	Structure integrated shape memory polymer composites for multidimensional forming. <i>MATEC Web of Conferences</i> , 2019, 264, 01003.	0.2	1
17	Inverse Fiber Reinforced Polymer/Metal-Hybrid Laminates for Structural Lightweight Applications. <i>Crystals</i> , 2021, 11, 1374.	2.2	0
18	Damage to inverse hybrid laminate structures: an analysis of shear strength test. <i>Materials Science-Poland</i> , 2022, 40, 130-144.	1.0	0